300Mbps Wireless N Gigabit Router

TEW-639GR(V1.0R)

The 300Mbps Wireless N Gigabit Router offers unsurpassed wireless speed, coverage and reliability. Enjoy up to 14x the speed and 6x the coverage of a wireless g connection*.

Gigabit Wide Area Network and Local Area Network ports transfer your data fast. Wi-Fi certification ensures optimal wireless throughput signal strength and compatibility.

Advanced Multiple Input Multiple Output (MIMO) antenna technology eliminates wireless dead spots. Wireless encryption and a manual on/off wireless switch keep your data safe. Wireless Protected Setup (WPS) integrates other WPS supported wireless adapters at the touch of a button. Seamlessly stream HD media, download files, surf and play games at wireless n Gigabit speed.

FEATURES

- 4 x 10/100/1000Mbps Auto-MDIX LAN ports
- 1 x 10/100/1000Mbps WAN port (Internet)
- Gigabit LAN ports for high speed network **connectivity**
- Compatible with most popular cable/DSL Internet service providers using Dynamic/Static IP, PPPoE, PPTP and L2TP
- High-speed wireless data rates up to 300Mbps using an IEEE 802.11n draft 2.0 connection
- 3 external antennas provide high-speed performance and expansive wireless coverage
- Advanced Firewall protection with Network Address Translation (NAT) and Stateful Packet Inspection (SPI)
- Access restriction with Internet Access Control; time scheduling, URL and MAC filtering
- Built-in pre-configured virtual servers and Application Level Gateway services for special Internet applications
- Universal Plug and Play (UPnP) for auto discovery and support for device configuration of Internet applications
- Enable/disable wireless functionality with the WLAN on/off toggle switch
- Multiple pass-through sessions for popular VPN applications (IPSec and PPTP)
- Easy setup via Web browser using the latest versions of Internet Explorer, FireFox, Safari and Chrome
- One-touch wireless security setup using the Wi-Fi Protected Setup (WPS) button when connecting to a WPS supporting device
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Complete wireless security with WPA/WPA2, WPA-PSK/WPA2-PSK, and WEP
- Windows 95/98/NT/2000/XP/2003 Server/Vista, Linux and Mac OS supported
- 3- year limited warranty

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SPECIFICATIONS

Hardware	
Standards	• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) and IEEE 802.3ab (1000BaseT) • Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft 2.0)
WAN	• 1 x 10/100/1000Mbps Auto-MDIX port (Internet)
LAN	• 4 x 10/100/1000Mbps Auto-MDIX port
Wireless On/Off Switch	• Turn on/off wireless LAN
WPS Button	• Wi-Fi Protected Setup (WPS) with other WPS compliant devices
Connection Type	• Dynamic IP, Static (fixed) IP, PPPoE, PPTP, L2TP
NAT Firewall	• 3K configurable NAT entries; restricted NAPT • IP ranges, port ranges and schedule • Port triggering for 24 special applications • ALG support (enable/disable support) –RTP/RTSP, AOL, FTP, ICMP, WMP/MMS, NetMeeting, SIP
WDS	• Enable/disable Wireless Distribution System support
UPnP	• UPnP IGD 1.0 compliant
DMZ	• DMZ host, 24 configurable Virtual Servers and Game Servers
DNS	• Static or WAN assigned DNS servers; 4 verified services for DDNS
Internet Access Control	• Time based Internet access; port range/service filtering; Dynamic URL filtering; Internet domain restriction; 32 user defined schedules, 24 MAC address filter entries
LED Indicator	• Power, LAN1~LAN4, WAN, and WLAN
Power Adapter	• 12V DC, 1A external power adapter
Power Consumption	• 779mA
Dimension (L x W x H)	• 180 x 122 x 30 mm (6.8 x 4.6 x 1.1 in)
Weight	• 350g (0.8 lb)
Temperature	• Operation: 0°C~ 40°C (32°F~ 104°F); Storage: -20°C~ 60°C (-4°F~140° F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC
Wireless	
Frequency	• 2.412 ~ 2.472 GHz
Antenna	• 3 x 4dBi fixed dipole antenna
Module Technique	• 802.11n: BPSK, QPSK, 16QAM,64QAM with OFDM • 802.11b: CCK (11 and 5.5Mbps) DQPSK (2Mbps) DBSPK (1Mbps) • 802.11g: OFDM with BPSK, QPSK and 16/64-QAM sub-carrier modulations
Data Rate	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • 802.11n: up to 300Mbps
Security	• Encryption: hardware AES/TKIP, 64/128-bit WEP (HEX/ passphrase – 11b/g) • 802.1X/EAP: EAP-TLE, EAP-TTLE/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC • WPA: WPA/WPA2, WPA-PSK/WPA2-PSK (AES-11b/g/n, TKIP-11b/g) • WPS: support PIN and PBC • SSID broadcast control
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n: 12dBm (typical) with HT20 or Ht40
Receiving Sensitivity	• 802.11b: -84dBm (typical) @ 11Mbps • 802.11g: -72dBm (typical) @ 54Mbps • 802.11n: -68dBm (typical) with Ht20 -65dBm (typical) with HT40
Channels	• 1~11 (FCC), 1~13 (ETSI)

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NETWORKING SOLUTIONS

PACKAGE CONTENTS

- TEW-639GR
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Cat. 5 Ethernet cable (1.5m / 4.9ft)
- Power adapter (12V DC, 1A)

RELATED PRODUCTS

TEW-624UB	300Mbps Wireless N USB 2.0 Adapter
TEW-642EC	300Mbps Wireless N Express card
TEW-623PI	Wireless N PCI Adapter

ORDERING INFORMATION

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